

CONFERENCE ON DISARMAMENT

✓CD/980

27 March 1990

Original: ENGLISH

CZECHOSLOVAKIA

List of experts and laboratories

for examination and analyses in the event of an investigation of reports of possible use of chemical, bacteriological (biological) or toxin weapons

1. Czechoslovakia has been consistently adhering to the principles and purposes of the Geneva Protocol for the Prohibition of the Use in War of Asphyxiating, Poisonous or Other Gases and of Bacteriological Methods of Warfare which it signed as early as 1925. Czechoslovakia has always condemned any actions violating the Protocol and has advocated elaboration of verification measures which would guarantee strict compliance with its provisions.
2. In this context, Czechoslovakia has welcomed the conclusion last year of the work of the expert group of the United Nations Secretary-General that prepared, in conformity with resolution 42/37C, technical guidelines and procedures for the timely and efficient investigation of reports of possible use of chemical, bacteriological (biological) or toxin weapons.
3. In reply to the request made in General Assembly resolution 44/115 B, and in keeping with the elaborated standards (appendix II and VI of document A/44/561), Czechoslovakia informed the Secretary-General of the United Nations that it is ready to provide two consultants, 15 qualified experts and five laboratories for examination and analyses in the event of an investigation of reports of possible use of chemical, bacteriological (biological) or toxin weapons.
4. The selected experts possess extensive knowledge in the fields of analytical and organic chemistry, biochemistry, biology, virology and toxicology. They are prepared to take samples on the spot and to analyze them. If requested, they can travel immediately to a place subjected to investigation. The laboratories are equipped so as to be capable to analyse various chemical and toxic substances and staffed with experienced specialists.

5. Czechoslovakia believes that the attached list of experts and laboratories may be of interest to the Conference on Disarmament since it is ready to involve both these experts and the laboratories in implementing the future Convention and in particular in the work of the respective organs of the future Organization for the Prohibition of Chemical Weapons. Moreover, presentation of these data by a number of countries may result in more contacts between scientists in favour of extensive exchange of views, scientific publications or scientists themselves. Consequently, more effective measures against not only chemical weapons but also against highly toxic substances in general, including protection of environment, could be discussed.

6. In the following list, the information on experts is limited to their personal and professional data, without mention of their language proficiency, citizenship, availability and material or equipment which could be brought by them. The same approach to laboratories was applied: the data on specification of any particular requirements for preparation of samples, on specification of any particular requirements with respect to customs and fees and responsibilities are omitted.

7. List of experts and laboratories

The following data are given for experts:

1. Name of expert
2. Current position
3. Mailing address (office and home)
4. Telephone numbers, telex, telecopy or telefax
5. Educational background

The following data are given for laboratories:

1. Name of laboratory
2. Mailing address
3. Telephone numbers
4. General nature of the laboratory
5. Equipment and experiences

7.1. Experts consultants:

1. Jiří BAJGAR, Assoc. Prof., MD, PhD, colonel
2. Deputy Head of Department of Toxicology, Military Medical Academy, Hradec Králové

3. Office: Dept. Toxicol., Military Medical Academy
502 60 Hradec Kralove
Czechoslovakia

Home: Dukelská 789
500 02 Hradec Králové, Czechoslovakia

4. Office: 682381, 682378; Home: 611450

5. Medical Faculty, Charles University at Hradec Králové

204 scientific papers dealing with the treatment of intoxication, detection of Chemical Warfare Agents, biochemical characterization of their action. More than 20 papers dealing with chemical disarmament; expert (chemical weapons) of Czechoslovak delegation to the Conference on Disarmament (since 1985).

1. Miroslav SPLINO, Assoc. Prof., MD, PhD, colonel
2. Head of Department of Epidemiology, Military Medical Academy, Hradec Králové
3. Office: Department of Epidemiology, Military Medical Academy,
502 60 Hradec Králové, Czechoslovakia

Home: Formánkova 433
500 11 Hradec Králové, Czechoslovakia

Office: 6845792 or 682407

5. Medical Faculty, Charles University at Hradec Králové

120 scientific papers, dealing with the experimental pathogenesis and clinic of cryptococcosis, nocardiosis, yersiniosis and the microbial monitoring in immunocompromised patients.

7.2 Qualified experts

1. Viliam FOLDESI, Dipl. Eng., major
2. Technical Director of the Military Facility
3. Office: Ministry of National Defence,
PS 61/26
160 00 Praha, Czechoslovakia

Home: Majakovského 58/2
972 43 Prievidza, Czechoslovakia

4. Office: 330 42636; Home: 32520

5. Military Academy of the Land Forces (military engineering and military chemistry) Vyskov

On the basis of his theoretical educational background and practical experience, he is familiar with the methods of synthesis of Chemical Warfare Agents and other toxic substances, with their analysis including development of new methods, and with the detection of Chemical Warfare Agents in field conditions.

1. Vratislav CERNY, Dipl. Eng.

2. Analytical Laboratory Director

3. Office: Research Institute for Organic Syntheses
532 18 Pardubice - Rybitví
Czechoslovakia

4. Office: 42103 telex: 196222 vchz

5. Institute of technology level

Theoretical and practical experiences in the field of analytical and physical chemistry

1. Josef KOUBEK, Dipl. Eng., PhD

2. Assistant Professor, Institute of Chemical Technology, Prague

3. Office: Prague Institute of Chemical Technology
Suchbátarova 5
166 28 Praha, Czechoslovakia

Home: Skábova 3057
106 00 Praha 10, Czechoslovakia

4. Office: 332 4216 telex: 122 744 VSCH/C Telefax: 42-2-3114769

5. Technical University

Setting-up of industrial chemical plants, analytical control of chemicals.

1. Tibor GOGH, RNDr. (Doctor of Natural Sciences), PhD

2. Research worker, Head of research group of reaction intermediates

3. Office: Research Institute of Chemical Technology
Dimitrovova 34
836 03 Bratislava, Czechoslovakia

Home: Zikova 6
851 00 Bratislava, Czechoslovakia

4. Office: 2007/2990 telex: 925 76

5. Comenius University Bratislava,
Faculty of Natural Sciences,
Department of Organic Chemistry
Relevant experience - basic chemical research, investigations of
chemical structure of organic substances.
1. Aleš HORNA, Dipl, Eng., PhD
2. Head of Department of analytical chemistry
3. Office: VCHZ Synthesia
532 17 Pardubice - Sestín
Czechoslovakia

Home: Srdh 141
533 52 Staré Hradiště, Czechoslovakia
4. Office: 4925816
5. Technical University - organic chemistry, analytical chemistry
Spot organic analysis, analysis of explosives, methods development.
1. Josef FUSEK, Assoc. Prof., MD, PhD, colonel
2. Head of the Military Medical Academy, Hradec Králové
3. Office: Military Medical Academy
502 60 Hradec Králové
Czechoslovakia

Home: K Biřičce 1650
500 08 Hradec Králové, Czechoslovakia
4. Office: 6845760, 6845518; Home: 23333
5. Medical Faculty, Charles University at Hradec Králové

142 scientific papers dealing with the effect of highly toxic
substances, the treatment of intoxications, pharmacological
characterization of the Chemical Warfare Agents.
1. Ivan POHL, Assoc. Prof., MD, PhD, lieutenant colonel
2. Head of the Department of Education and Science, Military Medical
Academy, Hradec Králové
3. Office: Department of Education and Science,
Military Medical Academy
502 60 Hradec Králové
Czechoslovakia

Home: Marxova 1415
500 06 Hradec Králové, Czechoslovakia

4. Office: 6845753, 6845600; Home: 3005
5. Charles University, Medical Faculty, Hradec Králové
50 scientific papers in Czechoslovak Journals, expert of Czechoslovak delegation to the Conference on Disarmament (1987, 1988). Qualified especially in the field of epidemiology.
1. L. ROSIVAL, MD, DSc.
2. Deputy Director, Director of the Centre of the Hygiene
3. Office: Research Institute of Preventive Medicine
Limbova 14
833 01 Bratislava, Czechoslovakia
Home: Ľ. Zúbka 7
841 01 Bratislava, Czechoslovakia
4. Office: 371 094; Home: 365 579
5. Faculty of Medicine
Experience in the field of toxicology and hygiene.
1. Otaka KRS, MD, major
2. Senior Lecturer, Department of Toxicology, Military Medical Academy, Hradec Králové
3. Office: Dept. Toxicology, Military Medical Academy
502 60 Hradec Králové
Czechoslovakia
Home: Vrchlického 573
500 02 Hradec Králové, Czechoslovakia
4. Office: 682381, 682378 Home: 611450
5. Medical Faculty, Charles University at Hradec Králové
Postgraduate training in general medicine.
Specialized course for military health and epidemiology professionals. Teaching experience in military toxicology and normal anatomy, some experiences in scientific research work, histopathology and histochemistry following intoxications with Chemical Warfare Agents.
1. Ivana TUŠAROVÁ, Dipl. Eng.
2. Research worker

3. Office: Research Institute of Food Industry
Radiová 7
102 31 Praha 10, Czechoslovakia

Home: Zelená 21
160 00 Praha 6, Czechoslovakia
4. Office: 540841-9/15
5. Institute of Chemical Technology, Prague

10 years practice, 20 publications in the field of analysis of
Chemical Warfare Agents.
1. Ivan ČIŽNÁR, DSc
2. Senior scientist, Head, Department of Bacteriology
3. Office: Research Institute of Preventive Medicine
Limbova 14
833 01 Bratislava, Czechoslovakia

Home: Púpavova 21
841 01 Bratislava, Czechoslovakia
4. Office: 372 820, 272, 560 ext. 493 telex: 92279
Home: 326 016
5. Doctor of Sciences in Molecular Biology, Bratislava,

Experience in bacterial toxicology, expert, in vitro and in vivo
assessment of action of bacterial toxins.
1. Bohumil TICHÁČEK, MD
2. Director (IHE)
3. Office: Institute of Hygiene and Epidemiology
Šrobárova 48
100 42 Praha 10, Czechoslovakia

Home: Drahobejlova 5
190 00 Praha 9, Czechoslovakia
4. Office: 742812; Home: 838492
5. Charles University, Medical Faculty, Prague

Epidemiology, Antibacteriological protection.
1. Jaromír TRUNKÁT, MVDr. (Doctor of Veterinary Medicine)
2. Vice-Director of Central State Veterinary Institute, Prague

3. Office: Central State Veterinary Institute
Sídlištní 156
165 03 Praha 6 - Lysolaje, Czechoslovakia

Home: Sídlištní 212
165 03 Praha 6 - Lysolaje, Czechoslovakia

4. Office: 341 551, 341 054 telex: 123594
Home: 3239268

5. Faculty of Veterinary Medicine, Brno

31 publications, experiences in different State Veterinary Institutes, expert in Cuba (tbc, BaB and other contagious diseases); investigations in practical use of mobile veterinary laboratories; experience in the control of contagious diseases of farm animals; participation in the courses organized by FAO.

1. Otto PAWEL, MVDr (Doctor of Veterinary Medicine), PhD

2. Veterinarian with higher specialization

3. Office: Central State Veterinary Institute
Sídlištní 156
165 03 Praha 6, Czechoslovakia

Home: Na Petřínách 59
162 00 Praha 6, Czechoslovakia

4. Office: 341551 telex: 123594
Home: 3536456

5. Faculty of Veterinary Medicine, Brno

141 publications particularly in the area of field investigations; research worker in the field of effects of nuclear, biological and chemical weapons on animals and food of animal origin; teaching and training personnel of mobile veterinary laboratories.

1. Miroslav KOUKAL, RNDr (Doctor of Natural Sciences) Phd

2. Senior virologist in the Laboratory of Gnotobiology of the Institute of Microbiology, Czechoslovak Academy of Sciences

3. Office: Lab. Gnotobiology, Institute of Microbiology, C.A.S.
549 22 Nový Hrádek, Czechoslovakia

Home: Havlíčkova 1112
547 00 Náchod, Czechoslovakia

4. Office: 95722; Home: 20852
5. Faculty of Natural Science of the Charles University, Prague.

Scientific work at different Institutes: College of Agriculture in Prague, Royal Veterinary College in London, Institute of Sera and Vaccines, Department of Virology, Laboratory Gnotobiology, Department of Virology Control of the Czechoslovak Academy of Sciences.

7.3. Laboratories

1. Department of Toxicology, Military Medical Academy
 2. Military Medical Academy, Department of Toxicology
502 60 Hradec Králové, Czechoslovakia
 3. 682381, 682377, 682378, 682387
 4. The Laboratory is designed to study the toxic effect of highly toxic substances including CWA, to clarify their action on biochemical, behavioural, histochemical, pharmacological and electrophysiological level, to study and develop antidotes against intoxications with these compounds, to analyse all types of samples with respect to the presence of known CWA, to test decontamination effectiveness of known and developed decontamination agents for humans.
 5. Analytical equipment; possibilities for synthesis of different compounds in laboratory quantities; biochemical, behavioural techniques, electrophysiological methods; pharmacological testing, histological and histochemical evaluation. The experiences are documented in the Internal Reports dealing with the effects of CWA, on decontamination efficacy and reports improving CWA detection and diagnosis of intoxications. Bibliography is available on request.
-
1. Department of Analytical-Physical Chemistry
 2. Research Institute for Organic Syntheses,
532 18 Pardubice-Rybitví, Czechoslovakia
 3. 42103
 4. Organic analytical laboratory
 5. Mass spectrometry; NMR; GC with ECD, FID; ICP spectrometry; AAS; Particle size; Electrochemistry - polarography, titrimetry; Thermal analysis; UV-VIS-spectrometry; 11 years experiences, authorized laboratory in Czechoslovakia.

1. Prague Institute of Chemical Technology, Department of Analytical Chemistry.
2. Prague Institute of Chemical Technology, Department of Analytical Chemistry, Suchbátarova 5, 166 28 Praha, Czechoslovakia
3. 332 4044
4. Well-equipped analytical laboratory
5. GC, GLC, NMR, MS, IR, experiences in chemical analysis of organic and inorganic samples.
1. Laboratory of Organic Chemistry
Research Institute of Chemical Technology
Dimitrovova 34
836 03 Bratislava, Czechoslovakia
3. 213028, 2007/2450, 2007/2990
4. organic synthesis
5. common equipment, Gas chromatograph GCMS, IR spectrometer, HPLC DAT Detector.
1. Military Academy of the Land Forces, Department of Military Chemistry, Vyskov
2. Military Academy of the Land Forces, Vyskov, Czechoslovakia
3. 423 2632
4. The Department of Military Chemistry is devoted to the research in the field of indication and decontamination of chemical agents in general; it is considered as educational base for preparation of specialists in this field.
5. Specific facilities and equipment
Analytical equipment; possibilities to test decontamination efficacy and the means of indications. Teaching experiences in the field of chemical specialists. The experiences are documented in the Internal Reports dealing with research of decontaminants and indications.
8. The attached list will be regularly updated and supplemented in accordance with Czechoslovakia's possibilities and with the needs of the Secretary-General of the United Nations as they may develop in future.
